

Anthropic Principle - Romans 1:19-20

Sherlock Holmes and Dr. Watson go on a camping trip...

PPT - Ps 8- Logical result of considering the heavens. That it is a work of his fingers.

In the 16th century, Copernicus showed that Earth revolved around the Sun. Suddenly our planet seemed no different than others and astronomers assumed that a Creator was unnecessary. Although Copernicus and others believed in an 'Intelligently designed universe' those that followed left God out, especially after Darwin developed his theories that this all came about by natural forces. This belief in an ordinary Earth became popularized as the "Copernican Principle." We are nothing special on an ordinary rock in an unexceptional galaxy. However, new scientific discoveries have turned that thinking upside down

1. Genesis 1:1-2- What has a beginning must have a cause and no laws of physics can account for it. So what has a beginning must have something that caused it

PPT: *Anthropic principle:* all the seemingly arbitrary and unrelated constants in Physics have one strange thing in common; *these are the precise values you need if you want to have a universe capable of producing life.*

PPT: Dr. Robin Collins of Messiah College "I like to use the analogy of astronauts landing on Mars and finding an enclosed biosphere, sort of like the domed structure that was built in Arizona years ago. At the control panel they find that all the dials for this environment are set just right for life. The oxygen ration is perfect; the temperature is seventy degrees; the humidity is fifty percent; there's a system for replenishing the air; there are systems for producing food, generating energy, and disposing of wastes. Each dial has a huge range of possible settings, and you can see if you were to adjust one or more of them just a little bit, the environment would go out of whack and life would be impossible. What conclusion would you draw from that? "

Even noted Atheist Stephen Hawking - *when the theories of physics are altered in certain ways, one can study the effect of changes to physical law in a methodical manner. Such calculations show that a change of as little as 0.5% in the strength of the strong nuclear force, or 4% in the electric force, would destroy either nearly all carbon or all oxygen in every star, and hence the possibility of life as we know it. Also, most of the fundamental constants appearing in our theories appear fine-tuned in the sense that if they were altered by only modest amounts, the universe would be in many cases unsuitable for the development of life.*

-Cosmological constant- energy density of space is so unbelievably precise. 10 followed by 53 zeros. Not hand grenade precise! Combined with the fine tuning of the gravitational force, the chance of these two being so coincidentally fine-tuned together would be like throwing a dart at one atom in the entire known universe the number is so astronomically huge. One hundred million trillion trillion trillion trillion trillion trillion. - Lee Strobel (case for creator)

-Cambridge professor Martin Rees says if the 6 numbers that underlie the fundamental physical properties of the universe were altered even to the tiniest degree, there would be no stars, no complex elements, no life.

2. **Genesis 1:3-10-** Let there be light, Sky, sea & Ground. **PPT** Just the right size. Even plate tectonics, the movement of our crust is a requirement. **PPT** Our planet has a built in heat generator at the center that uses radioactive decay to keep a big ball of liquid iron circling in our core. Our atmosphere is crucial.
3. **Gen. 1: 11-13** Vegetation- **PPT** Mathematician and philosopher **William Dembski**. claims that when something exhibits specified complexity (i.e., is both complex and specified,) one can infer that it was produced by an intelligent cause (i.e., that it was designed), rather than being the result of natural processes. For example: "A single letter of the alphabet is specified without being complex. A long sentence of random letters is complex without being specified. A Shakespearean sonnet is both complex and specified." He states that details of living things can be similarly characterized, especially the "patterns" of molecular sequences in DNA. (unlocking the mystery of life video)
4. **Gen. 1:14-19-** Cosmos- **PPT**: The Circumstellar habitable zone is often called the Goldilocks Zone. - perfect circle orbit or we'd be out of the right zone and freeze or fry. If the sun or moon were too close, tidal force would devastate and slow down the earth too much causing temperature issues on the dark side. Our sun is a highly stable star with the right mass, right size, right composition, right distance and right orbit in the right spot of the right galaxy for life on earth. Only two percent of all stars have enough metal content to form planets. It's light output varies by only 1/10th of 1% thus preventing climate swings (1). If the moon was too far we wouldn't have enough tide oxygenating the oceans, creating currents that maintain our temperatures. The moons gravity causes a 23.5 degree tilt in the earth keeping our seasons mild. Our earth's rotation is slowing down, in response, the moon moves out 3.82 centimeters a year so it doesn't slow the earth down further. Amazing. Our 24hr rotation contributes. **PPT**
5. **Gen. 1:20-28-** Living creatures- *Darwin's Dilemma*: Scientist have found no missing links, no gradual progression of evolution.

Psalms 139:13 PPT baby Aaron

astronomers have identified more than 150-350 finely-tuned characteristics and laws.⁴ the odds that any given planet in the universe would possess the necessary conditions to support intelligent physical life were shown to be less than one in a number so large it might as well be infinity (10^{173}).⁶ Ross, "Probability for a Life Support Body," Appendix B, *Lights in the Sky and Little Green Men*. 5 I. S. Shklovskii and Carl Sagan, *Intelligent Life in the Universe* (San Francisco: Holden-Day, 1966), 342-61.

To try and visualize the difficulty, imagine all the grains of sand on all the beaches on Earth. Then encrypt one grain with a special code known only to you, and randomly bury that grain on a beach somewhere on Earth. Now offer a reward to anyone who can find it on one pick, even though they don't know which beach to scour, or how deep it is buried.

The chance a blindfolded person would ever discover that one grain of sand on their first pick is one out of 10^{20} (one chance in 100 billion billion.) Now think about 10^{173} (inplainsite.org). Interesting: only 10^{70} atoms in the universe.

Conclusion: PPT: impossible for complex life to exist anywhere.

Socrates: Follow the evidence... *Frank Tipler (Professor of Mathematical Physics): "When I began my career as a cosmologist some twenty years ago, I was a convinced atheist. I never in my wildest dreams*

imagined that one day I would be writing a book purporting to show that the central claims of Judeo-Christian theology are in fact true, that these claims are straightforward deductions of the laws of physics as we now understand them. I have been forced into these conclusions by the inexorable logic of my own special branch of physics." (16)

Response:

Why are people so reticent to admit God exists? The implications:

Ross, *The Creator and the Cosmos*, 3d ed., 101-18 *Of all the gods, forces, or principles that people have proposed throughout human history to explain the existence and operation of the universe, only the God of the Bible is consistent with the characteristics of the cause established in these space-time theorems. Only the Bible predicts and explains the anthropic principle.*

Romans 1:18-25

2 Thess. 2:10b- (antiChrist's deception) *They perish because they refused to love the truth and so be saved*

Ps 8 When I consider....

1. V.1 **Praise**- our first response to majesty of God.
2. V. 4 **Humbling; Job 38:** where were you when I...
 - a. **Thanksgiving**- why?
3. V.6 **My response...**
4. Psalm. 19- Transition from creation to the Word. Science explains the **how**, the word shows the **why**.
5. **Morality.** Hugh Ross, *The Creator and the Cosmos*, 3rd ed. (Colorado Springs, CO: NavPress, 2001)